

ABSTRACT

The present invention aims to improve the photoelectric current of a dye-sensitized solar cell module and produce a high power dye-sensitized solar cell.

5 The present invention provides a dye-sensitized solar cell module comprising at least two photoelectric conversion elements each comprising a transparent conductive layer, a porous photoelectric conversion layer adsorbing a dye, an electrolytic layer, a catalyst layer, and a conductive layer on a transparent substrate, wherein the
10 respective photoelectric conversion elements are different in at least one among the layering order of the respective layers composing the photoelectric conversion elements; the type and composition of the materials for the respective layers; the particle diameter on the case the materials of the respective layers are granular; the thickness and width of
15 the respective layers; the form of the respective layers; and the open circuit voltage of the photoelectric conversion elements, and thereby the aim is achieved.